

IN THE CLAIMS

1 – 20 (Cancelled)

21. (Currently Amended) A media capture device user interface system allowing a user interface of a first device media capture device to be supported at least in part by a second device, the system comprising:

a module for generating at least one high-level event message indicating that an event has occurred that is relevant to the first device media capture device;

a router present at on-board the first device media capture device for determining whether said at least one high-level event message is handled locally at the first device media capture device or remotely at the second device;

a mapper on-board the media capture device for mapping said at least one high-level message into at least one lower-level message for controlling one or more hardware elements controlled by the second device; and

a module for communicating said at least one lower-level message to the second device, such that the second device may activate one or more hardware elements that are appropriate for said event that has occurred.

22. (Currently Amended) The system of claim 21, wherein said first device media capture device is temporarily connected to said second device.

23. (Currently Amended) The system of claim 21, wherein said first device media capture device is permanently connected to said second device.

24. (Currently Amended) The system of claim 21, wherein said first device media capture device connects to said second device via wireless communication.

25. (Currently Amended) The system of claim 21, wherein said first device media capture device connects to said second device via wireline communication.

26. (Currently Amended) The system of claim 21, wherein said first device media capture device comprises a client device that is hosted by said second device.

27. (Currently Amended) The system of claim 21, wherein said first device media capture device includes media capture capability.

28. (Original) The system of claim 21, wherein said second device includes cellular phone capability.

29. (Currently Amended) The system of claim 21, wherein said first device media capture device also includes hardware elements capable of being controlled by said at least one lower-level message.

30. (Currently Amended) The system of claim 21, wherein said at least one high-level message is generated, at least in part, based on a then-current state of the first device media capture device.

31. (Original) The system of claim 21, wherein said at least one high-level message is a logical user interface message indicating a logical user interface manifestation that should occur.

32. (Original) The system of claim 21, wherein said at least one high-level message itself does not specify activation of particular hardware elements on the second device.

33. (Original) The system of claim 21, wherein said at least one lower-level message does specify activation of one or more particular hardware elements on the second device.

34. (Currently Amended) The system of claim 21, wherein said first device media capture device comprises a client device and wherein said second device comprises a host device to which the client device occasionally connects.

35. (Currently Amended) The system of claim 21, wherein said module for generating at least one high-level event message determines a new state that is appropriate for the ~~first device~~ media capture device to transition to; and generates at least one high-level message appropriate for indicating the transition to said new state.

36. (Original) The system of claim 21, wherein said event comprises a user event.

37. (Original) The system of claim 36, wherein said user event comprises user-supplied input.

38. (Original) The system of claim 36, wherein said user event comprises user activation of an input element.

39. (Original) The system of claim 38, wherein said input element comprises an input button.

40. (Currently Amended) The system of claim 38, wherein said input element resides on said ~~first device~~ media capture device.

41. (Original) The system of claim 38, wherein said user input element resides on said second device.

42. (Currently Amended) The system of claim 41, further comprising: a module for transmitting a notification to said ~~first device~~ media capture device in response to user activation of said user input element residing on said second device.

43. (Cancelled)

44. (Original) The system of claim 21, wherein said at least one particular hardware element comprises an element capable of generating a display.

45. (Original) The system of claim 21, wherein said at least one particular hardware element comprises an LED (light-emitting diode).

46. (Original) The system of claim 21, wherein said at least one particular hardware element comprises a bitmap display.

47. (Original) The system of claim 46, wherein said bitmap display shows an icon in response to receipt at the second device of said at least one lower-level message.

48. (Original) The system of claim 21, wherein said at least one particular hardware element comprises an element capable of generating sound.

49. (Currently Amended) The system of claim 21, wherein said first device media capture device may be embedded within said second device.

50. (Original) The system of claim 21, wherein said module for communicating said at least one lower-level message to the second device employs a configurable table so that the second device itself may be selected from different classes of devices.

51. (Currently Amended) An interface system allowing a client device to be partially supported by a host device, the system comprising:

an onboard interface engine on the client device for generating at least one high-level event message indicating that an event has occurred on the client device;

a router in the client device to determine whether the at least one high level event message should be handled locally at the client device or remotely at the host;

a state transition table to transition the client device to the a new state based on the at least one high level event and the client device's present state; and

a module to update the client device's current state information; and

a mapper for mapping said at least one high-level message into at least one lower-level message for controlling one or more hardware elements controlled by the second host device.

52. (Currently Amended) The system of claim 51, further comprising an event handler for communicating said at least one lower-level message to the ~~second host~~ device, such that the second device may activate one or more hardware elements that are appropriate for the event that occurred.

53. (Currently Amended) The system of claim 51, wherein said ~~first client~~ device includes a digital camera.

54. (Currently Amended) The system of claim 51, wherein said ~~second host~~ device includes the ability to connect to a cellular network.

55. (Previously Presented) The system of claim 51, wherein the client device further comprises hardware elements capable of being controlled by the lower level message.

56. (Previously Presented) The system of claim 51, wherein the high level message is generated based on a current state of the client device.

57. (Previously Presented) The system of claim 51, wherein the high-level message is a user interface message designed for display to a user.

58. (Previously Presented) The system of claim 51, wherein the event comprises a user even selected form among the following: a user supplied input, a user activation of an input element, a status change.

59. (Previously Presented) The system of claim 58, wherein said input element resides on the client device.

60. (Previously Presented) The system of claim 58, wherein said user input element resides on the host device.

61. (Previously Presented) The system of claim 60, further comprising:
the router for transmitting a notification to the client device in response to the user activating the input element on the host device.

62. (Cancelled)

63. (Previously Presented) The system of claim 51, wherein the hardware element comprises a display.

64. (Previously Presented) The system of claim 63, wherein the display shows an icon in response to receipt of the lower-level message at the client device.

65. (Previously Presented) The system of claim 51, wherein the hardware element comprises a speaker.

66. (Previously Presented) The system of claim 51, wherein the module for communicating the lower-level message to the second device employs a configurable table so that the host device itself may be selected from different classes of devices.

67. (Currently Amended) A method comprising:
receiving a notification at a first media capture device, indicating that an event has occurred with respect to the first media capture device;
determining, at a router on-board the media capture device, whether the event should be handled locally at the first media capture device or remotely at a second device;
when the event is to be handled locally, processing the event locally at the media capture device;
transmitting a message to the second device, intended to activate a hardware element on the second device;
activating a hardware element on the second device, in response to the message.

68. (Previously Presented) The method of claim 67, wherein the event is a user interface event.

69. (Previously Presented) The method of claim 68, wherein the event is one or more of the following: a user supplied input, a user activation of an input element, a status change.

70. (Currently Amended) The method of claim 67, further comprising:
determining a new state that is appropriate for the first media capture device to transition to in response to the event; and
generating at least one abstract message appropriate for indicating the transition to the new state.